

**WHAT IS CLAIMED IS:**

1. A thin walled medical glove that releases a strong oxidant as a disinfectant.

2. The thin walled glove as claimed in claim 1, wherein the glove is made from nitrile, natural rubber latex, polyisoprene, polychloroprene, polybutyl rubber, polybutadiene, polyurethane, polyvinyl chloride; carboxylated polyacrylonitrile butadiene; polybutyl rubber, styrene-isoprene-styrene; styrene-ethylene-butadiene-styrene; styrene-propylene-styrene; styrene-butadiene-styrene; or blends thereof.

3. The thin walled glove as claimed in claim 1, wherein the strong oxidant is chlorine dioxide.

4. The thin walled glove as claimed in claim 2, wherein the strong oxidant is chlorine dioxide.

5. The thin walled glove as claimed in claim 1, wherein the strong oxidant is released by exposure to light.

6. The thin walled glove as claimed in claim 1, wherein the strong oxidant is incorporated into the glove during formation as sodium chlorite.

7. The thin walled glove as claimed in claim 6, further comprising a catalyst incorporated therein for releasing the strong oxidant.

8. The thin walled glove as claimed in claim 7, wherein the catalyst is titanium dioxide.

9. The thin walled glove as claimed in claim 1, wherein the strong oxidant is contained in a coating present on the thin walled medical glove.

10. The thin walled glove as claimed in claim 9, wherein the coating is nitrile, natural rubber latex, polyisoprene, polychloroprene, polybutyl rubber, polybutadiene, polyurethane, polyvinyl chloride; carboxylated polyacrylonitrile butadiene; styrene-isoprene-styrene; styrene-ethylene-butadiene-styrene; styrene-propylene-styrene; styrene-butadiene-styrene; or blends thereof and sodium chlorite.